

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

1-27 (Cancelled)

28. (Currently Amended) A process for solution synthesis of a peptide in an organic solvent or a mixture of organic solvents, the process comprising repetitive cycles of steps (a)-(c):  
wherein step(a) comprises a coupling step, using an excess of a molecule comprising an activated carboxylic component to acylate an amino component,  
wherein step (b) comprises a quenching step in which a scavenger is used to remove residual activated carboxylic functions, wherein the scavenger may also be used for deprotection of the growing peptide;  
wherein step (c) comprises one or more aqueous extractions,  
and wherein the process comprises at least one step (b), referred to as step (b'), in which an amine comprising a free anion or a latent anion is used as a scavenger of residual activated carboxylic functions, and wherein the anion is selected from the group consisting of carboxylate, sulfonate, sulfate, phosphonate, phosphate and phenolate.

29. (Previously Presented) The process of claim 28, wherein in step (a) the molecule comprising an activated carboxylic component is formed by reacting a carboxylic component, a coupling additive and a coupling reagent and wherein the molar amounts of the reagents used are in decreasing order:

carboxylic component, coupling additive > coupling reagent > amino component.

30. (Previously Presented) The process of claim 28, wherein in step (a) a pre-activated carboxylic component is used.